UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P. Obo. 1450 Alexandra, Virginia 22313-1450 www.uspib.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

10/22/2003

ANSEL M. SCHWARTZ ONE STERLING PLAZA STE 304 201 N CRAIG STREET PITTSBURGH. PA 15213 EXAMINER

ZEMAN, MARY K

ART UNIT PAPER NUMBER

1631 DATE MAILED: 10/22/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/262,506	03/02/1999	MARK W. PERLIN	PERLIN-3CONT	9473

TITLE OF INVENTION: METHOD AND SYSTEM FOR GENOTYPING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$0	\$665	01/22/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THERE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOLASB (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box bclow and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as middled to the current correspondence address, and/or (b) indicated unless corrected below of directed otherwise in Block I, by (a) specifying a new correspondence address, and/or (b) indicated unless corrected below of directed otherwise in Block I, by (a) specifying a new correspondence address, and/or (b) indicated unless corrected below of directed otherwise in Block I, by (a) specifying a new correspondence address, and/or (b) indicated unless corrected below of directed otherwise in Block I, by (a) specifying a new correspondence address, and/or (b) indicated unless corrected below of directed otherwise in Block I, by (a) specifying a new correspondence address as a specific and the specific address and the spe maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up, with any corrections or use Block 1)

10/22/2003

ANSEL M. SCHWARTZ ONE STERLING PLAZA STE 304 201 N CRAIG STREET PITTSBURGH, PA 15213

4a. The following fee(s) are enclosed:

☐ Issue Fee

7590

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Malling or Transmission

Letrificate of Malling of Transmission

I hereby certify that this Fe(s) Transmistal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's nun (Signature (Date

☐ individual ☐ corporation or other private group entity ☐ government

APPLICATION NO FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO CONFIRMATION NO 09/262,506 03/02/1999 MARK W. PERLIN PERLIN-3CONT 9473

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APPLN, TYPE	SMALL ENTITY	ISSUE FE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$0	\$665	01/22/2004
EXA	MINER	ART UNI	CLASS-SUBCLASS		
ZEMAN	, MARY K	1631	435-006000		
Change of correspondence address or indication of "Fee Address" (37 R. 1363).  Change of correspondence address for Change of Correspondence Address form PTOSB/12) attached.  Jefee Address, 'indication (or Fee Address' Indication form PTOSB/147; Rev 03-02 or more recent) attached. Use of a Customer Number is required.		2. For printing on the patent front names of up to 3 registered pat agents OR, alternatively, (2) the n firm (having as a member a regist agent) and the names of up to 2 attorneys or agents. If no name is will be printed.	ent attorneys or 1 same of a single tered attorney or registered patent		

Please check the appropriate assignee category or categories (will not be printed on the patent);

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

A check in the amount of the fee(s) is enclosed.

4b. Payment of Fee(s):

☐ Publication Fee	□ Payment by credit card. Form PTO-2038 is attached.	☐ Payment by credit card. Form PTO-2038 is attached.			
☐ Advance Order - # of Copies	☐ The Director is hereby authorized by charge the required fee(s), or credit any Deposit Account Number(enclose an extra copy of this				
Director for Patents is requested to apply the Issu	Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the appl	ication identified above.			
(Authorized Signature)	(Date)				
NOTE: The Issue Fee and Publication Fee (if other than the applicant; a registered attorney interest as shown by the records of the United S	or agent; or the assignee or other party in				
This collection of information is required by 3 obtain or retain a benefit by the public which application. Confidentiality is governed by 35 testimated to take 12 minutes to complete, entitled completed application form to the USPTO. To case. Any comments on the amount of time suggestions for reducing this burden, should by Patent and Trademark Office. U.S. Depart 22313-1450. DO NOT SEND FIES OR CC STND TO: Commissioner for Patents, Alexandre	is to file (and by the USPTO to process) an S. C. 122 and 5' CPK 11.1.4 This collection is seen to the collection of the collection is the collection of the				
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TRANSMIT THIS FORM WITH FEE(S)



PITTSBURGH, PA 15213

# UNITED STATES PATENT AND TRADEMARK OFFICE

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ANSEL M. SCH			ZEMAN,	MARY K
ONE STERLING	PLAZA			
STE 304			ART UNIT	PAPER NUMBER
201 N CRAIG STI	REET		1631	

DATE MAILED: 10/22/2003

# Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



# United States Patent and Trademark Office

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ONE STERLING F	PLAZA			
STE 304			ART UNIT	PAPER NUMBER
201 N CRAIG STR	EET		1631	
PITTSBURGH, PA	15213			

### Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reis except a design or plant patent:	ssue patent,
By a small entity (Sec. 1.27(a))	\$665.00
By other than a small entity	
(b) Issue fee for issuing a design patent: By a small entity (Sec. 1.27(a))	
By other than a small entity	\$480.00
(c) Issue fee for issuing a plant patent:  By a small entity (Sec. 1.27(a))	\$320.00

By other than a small entity......\$640.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.